

Appendix A

Endangered Species Listing for Cotton-Growing Areas

ENDANGERED SPECIES-COTTON-NATIONWIDE

| SPECIES KNOWN | GROUP | STATUS |
|--------------------------------------|-----------|--------|
| <hr/> | | |
| Alabama | | |
| BAT, INDIANA | MAMMAL | E, CH |
| STORK, WOOD | BIRD | E |
| MOUSE, ALABAMA BEACH | MAMMAL | E, CH |
| MOUSE, PERDIDO KEY BEACH | MAMMAL | E, CH |
| PLOVER, PIPING | BIRD | E, T |
| SNAKE, EASTERN INDIGO | REPTILE | T |
| STURGEON, ALABAMA | FISH | E, CH |
| STURGEON, GULF | FISH | T |
| TURTLE, ALABAMA RED-BELLIED | REPTILE | E |
| TURTLE, GREEN SEA | REPTILE | E, T |
| TURTLE, KEMP'S (ATLANTIC) RIDLEY SEA | REPTILE | E |
| TURTLE, LOGGERHEAD SEA | REPTILE | T |
| WOODPECKER, RED-COCKADED | BIRD | E |
| EAGLE, BALD | BIRD | T |
| KIDNEYSHELL, TRIANGULAR | CLAM | E |
| PIGTOE, DARK | CLAM | E |
| TURTLE, FLATTENED MUSK | REPTILE | T |
| SALAMANDER, RED HILLS | AMPHIBIAN | T |
| SCULPIN, PYGMY | FISH | T |
| SHINER, BLUE | FISH | E |
| SNAIL, TULOTOMA | SNAIL | E |
| ACORNSHELL, SOUTHERN | CLAM | E |
| BAT, GRAY | MAMMAL | E |
| CAVEFISH, ALABAMA | FISH | E, CH |
| PEARLYMUSSEL, ORANGE-FOOTED | CLAM | E |
| PEARLYMUSSEL, PINK MUCKET | CLAM | E |
| PEARLYMUSSEL, WHITE WARTYBACK | CLAM | E |
| PIGTOE, ROUGH | CLAM | E |
| CLUBSHELL, OVATE | CLAM | E |
| CLUBSHELL, SOUTHERN | CLAM | E |
| POCKETBOOK, FINE-LINED | CLAM | T |
| DARTER, WATERCRESS | FISH | E |
| HEELSPLITTER, INFLATED | CLAM | T |
| MUCKET, ORANGE-NACRE | CLAM | T |
| MUSSEL, JUDGE TAIT'S | CLAM | E |
| MUSSEL, MARSHALL'S | CLAM | E |
| MUSSEL, PENITENT | CLAM | E |
| STIRRUP SHELL | CLAM | E |
| CAVEFISH, ALABAMA | FISH | E, CH |
| DARTER, SLACKWATER | FISH | T, CH |
| DARTER, BOULDER | FISH | E |
| DARTER, SNAIL | FISH | T |
| PIGTOE, SHINY | CLAM | E |
| RIVERSNAIL, ANTHONY'S | SNAIL | E |
| PIGTOE, FINE-RAYED | CLAM | E |
| PIGTOE, SHINY | CLAM | E |
| RIFFLESHELL, TAN | CLAM | E |

SHRIMP, ALABAMA CAVE
TORTOISE, GOPHER
TURTLE, LEATHERBACK SEA
TURTLE, LOGGERHEAD SEA
MUCKET, ORANGE-NACRE
STIRRUP SHELL
COMBSHELL, UPLAND
DARTER, GOLDLINE
SHINER, CAHABA
SNAIL, TULOTOMA

| | |
|------------|-------|
| CRUSTACEAN | E |
| REPTILE | T |
| REPTILE | E, CH |
| REPTILE | T |
| CLAM | T |
| CLAM | E |
| CLAM | E |
| FISH | T |
| FISH | E |
| SNAIL | E |

Arizona

CATFISH, YAQUI
CHUB, YAQUI
CRANE, WHOOPING
EAGLE, BALD
FALCON, NORTHERN APLOMADO
FALCON, PEREGRINE
JAGUARUNDI
OCELOT
OWL, MEXICAN SPOTTED
PUPFISH, DESERT
RATTLESNAKE, NEW MEXICAN RIDGE-NOSED
SHINER, BEAUTIFUL
TOPMINNOW, GILA (YAQUI)
WOLF, GRAY
MINNOW, LOACH
OWL, MEXICAN SPOTTED
PYGMY-OWL, CACTUS FERRUGINOUS
SPIKEDACE
SQUIRREL, MOUNT GRAHAM RED
SUCKER, RAZORBACK
TROUT, APACHE
CHUB, BONYTAIL
RAIL, YUMA CLAPPER
PRONGHORN, SONORAN
AMBERSNAIL, KANAB
CHUB, VIRGIN RIVER
TORTOISE, DESERT
VOLE, HUALAPAI MEXICAN
BOBWHITE, MASKED
TALUSSNAIL, SAN XAVIER
MINNOW, LOACH
LIZARD, FLAT-TAILED HORNED
PELICAN, BROWN

| | |
|------------|----------|
| FISH | T, CH |
| FISH | E, CH |
| BIRD | E, CH |
| BIRD | T |
| BIRD | E |
| BIRD | E, SA |
| MAMMAL | E |
| MAMMAL | E |
| BIRD | T |
| FISH | E, CH |
| REPTILE | T, CH |
| FISH | T, CH |
| FISH | E |
| MAMMAL | E, T, CH |
| FISH | T, CH |
| BIRD | T |
| BIRD | E |
| FISH | T, CH |
| MAMMAL | E, CH |
| FISH | E, CH |
| FISH | T |
| FISH | E, CH |
| BIRD | E |
| MAMMAL | E |
| SNAIL | E |
| FISH | E |
| REPTILE | T |
| MAMMAL | E |
| BIRD | E |
| CRUSTACEAN | E |
| FISH | T, CH |
| REPTILE | T |
| BIRD | E |

ARKANSAS

EAGLE, BALD
PEARLYMUSSEL, PINK MUCKET
POCKETBOOK, FAT
TERN, INTERIOR (POPULATION) LEAST
WOODPECKER, RED-COCKADED
STURGEON, PALLID
TERN, INTERIOR (POPULATION) LEAST

BIRD T
CLAM E
CLAM E
BIRD E
BIRD E
FISH E
BIRD E

CALIFORNIA

SPECIES GROUP STATUS

BEETLE, VALLEY ELDERBERRY LONGHORN
EAGLE, BALD
FALCON, PEREGRINE
FOX, SAN JOAQUIN KIT
LIZARD, BLUNT-NOSED LEOPARD
RAT, FRESNO KANGAROO
RAT, GIANT KANGAROO
SNAKE, GIANT GARTER
TROUT, LITTLE KERN GOLDEN
TROUT, PAIUTE CUTTHROAT
CHUB, BONYTAIL
GOOSE, ALEUTIAN CANADA
LIZARD, FLAT-TAILED HORNED
PELICAN, BROWN
PUPFISH, DESERT
RAIL, YUMA CLAPPER
SQUAWFISH, COLORADO
SUCKER, RAZORBACK
TOAD, ARROYO SOUTHWESTERN
TORTOISE, DESERT
CONDOR, CALIFORNIA
MOTH, KERN PRIMROSE SPHINX
RAT, TIPTON KANGAROO
VIREO, LEAST BELL'S
BEETLE, VALLEY ELDERBERRY LONGHORN
TROUT, LAHONTAN CUTTHROAT
TROUT, PAIUTE CUTTHROAT
LINDERIELLA, CALIFORNIA
SHRIMP, CONSERVANCY FAIRY
SHRIMP, VERNAL POOL FAIRY
CHECKERSPOT, QUINO
FLY, DELHI SANDS FLOWER-LOVING
GNATCATCHER, COASTAL CALIFORNIA
LIZARD, COACHELLA VALLEY FRINGE-TOED
LIZARD, FLAT-TAILED HORNED
RAIL, YUMA CLAPPER
RAT, STEPHENS' KANGAROO
SALAMANDER, DESERT SLENDER
SHRIMP, RIVERSIDE FAIRY
VIREO, LEAST BELL'S
TROUT, LITTLE KERN GOLDEN

INSECT T, CH
BIRD T
BIRD E, SA
MAMMAL E
REPTILE E
MAMMAL E, CH
MAMMAL E
REPTILE E
FISH T, CH
FISH T
FISH E, CH
BIRD T
REPTILE T
BIRD E
FISH E, CH
BIRD E
FISH CH
FISH E, CH
AMPHIBIAN E
REPTILE T
BIRD E, CH
INSECT T
MAMMAL E
BIRD E, CH
INSECT T, CH
FISH T
FISH T
CRUSTACEAN E
CRUSTACEAN E
CRUSTACEAN E
INSECT E
INSECT E
BIRD E
REPTILE T, CH
REPTILE T
BIRD E
MAMMAL T
AMPHIBIAN E
CRUSTACEAN E
BIRD E, CH
FISH T, CH

**FLORIDA
SPECIES**

| SPECIES | GROUP | STATUS |
|--------------------------------------|---------|--------|
| SNAKE, EASTERN INDIGO | REPTILE | T |
| STORK, WOOD | BIRD | E |
| STURGEON, GULF | FISH | T |
| MOUSE, PERDIDO KEY BEACH | MAMMAL | E, CH |
| PLOVER, PIPING | BIRD | E, T |
| TURTLE, GREEN SEA | REPTILE | E, T |
| TURTLE, HAWKSBILL SEA | REPTILE | E, CH |
| TURTLE, KEMP'S (ATLANTIC) RIDLEY SEA | REPTILE | E |
| TURTLE, LEATHERBACK SEA | REPTILE | E, CH |
| TURTLE, LOGGERHEAD SEA | REPTILE | T |
| WOODPECKER, RED-COCKADED | BIRD | E |
| BAT, GRAY | MAMMAL | E |
| BAT, INDIANA | MAMMAL | E, CH |
| DARTER, OKALOOSA | FISH | E |
| PLOVER, PIPING | BIRD | E, T |
| MOUSE, CHOCTAWHATCHEE BEACH | MAMMAL | E, CH |

**GEORGIA
SPECIES**

| SPECIES | GROUP | STATUS |
|---------------------------|---------|--------|
| EAGLE, BALD | BIRD | T |
| SNAKE, EASTERN INDIGO | REPTILE | T |
| STORK, WOOD | BIRD | E |
| STURGEON, SHORTNOSE | FISH | E |
| WOODPECKER, RED-COCKADED | BIRD | E |
| BAT, GRAY | MAMMAL | E |
| BAT, INDIANA | MAMMAL | E, CH |
| CLUSHELL, OVATE | CLAM | E |
| COMBSHELL, UPLAND | CLAM | E |
| DARTER, CHEROKEE | FISH | T |
| DARTER, ETOWAH | FISH | E |
| KIDNEYSHELL, TRIANGULAR | CLAM | E |
| MOCCASINSHELL, ALABAMA | CLAM | T |
| STURGEON, SHORTNOSE | FISH | E |
| PEARLYMUSSEL, PINK MUCKET | CLAM | E |
| CLUSHELL, SOUTHERN | CLAM | E |
| COUGAR, EASTERN | MAMMAL | E |
| MOCCASINSHELL, COOSA | CLAM | E |
| PIGTOE, SOUTHERN | CLAM | E |
| POCKETBOOK, FINE-LINED | CLAM | T |
| SHINER, BLUE | FISH | E |
| CRANE, WHOOPING | BIRD | E, CH |

LOUISIANA

| SPECIES | GROUP | STATUS |
|--------------------------|--------|--------|
| FALCON, ARCTIC PEREGRINE | BIRD | T |
| STURGEON, PALLID .. | FISH | E |
| EAGLE, BALD | BIRD | T |
| WOODPECKER, RED-COCKADED | BIRD | E |
| BEAR, LOUISIANA BLACK | MAMMAL | T, CH |
| BEAR, AMERICAN BLACK | MAMMAL | T, SA |
| PEARLSHELL, LOUISIANA | CLAM | T |
| TERN, CALIFORNIA LEAST | BIRD | E |

MISSISSIPPI

| SPECIES | GROUP | STATUS |
|-----------------------------------|---------|--------|
| BEAR, LOUISIANA BLACK | MAMMAL | T, CH |
| STURGEON, PALLID | FISH | E |
| TERN, INTERIOR (POPULATION) LEAST | BIRD | E |
| DARTER, BAYOU | FISH | T |
| TURTLE, RINGED SAWBACK | REPTILE | T |
| STURGEON, GULF | FISH | T |
| MUSSEL, JUDGE TAIT'S | CLAM | E |
| MUSSEL, PENITENT | CLAM | E |
| PEARLYMUSSEL, CURTIS' | CLAM | E |
| WOODPECKER, RED-COCKADED | BIRD | E |
| POCKETBOOK, FAT | CLAM | E |

MISSOURI

| SPECIES | GROUP | STATUS |
|-----------------------------------|--------|--------|
| BEETLE, AMERICAN BURYING | INSECT | E |
| STURGEON, PALLID | FISH | E |
| TERN, INTERIOR (POPULATION) LEAST | BIRD | E |
| FERRET, BLACK-FOOTED | MAMMAL | E, XN |
| GAMBUSIA, PECOS | FISH | E |
| OWL, MEXICAN SPOTTED | BIRD | T |
| SHINER, PECOS BLUNTNOSE | FISH | T, CH |
| TERN, INTERIOR (POPULATION) LEAST | BIRD | E |

NEW MEXICO

| SPECIES | GROUP | STATUS |
|--------------------------------------|---------|--------|
| CRANE, WHOOPING | BIRD | E, CH |
| EAGLE, BALD | BIRD | T |
| FALCON, NORTHERN APLOMADO | BIRD | E |
| FALCON, PEREGRINE | BIRD | E, SA |
| FERRET, BLACK-FOOTED | MAMMAL | E, XN |
| OWL, MEXICAN SPOTTED | BIRD | T |
| TERN, INTERIOR (POPULATION) LEAST | BIRD | E |
| GAMBUSIA, PECOS | FISH | E |
| SHINER, PECOS BLUNTNOSE | FISH | T, CH |
| RATTLESNAKE, NEW MEXICAN RIDGE-NOSED | REPTILE | T, CH |
| SPIKEDACE | FISH | T, CH |

WOLF, GRAY
 SHINER, BEAUTIFUL
 OWL, MEXICAN SPOTTED
 TROUT, GILA

MAMMAL
 FISH
 BIRD
 FISH

E, T, CH
 T, CH
 T
 E

NORTH CAROLINA

| SPECIES | GROUP | STATUS |
|--------------------------------------|---------|--------|
| EAGLE, BALD | BIRD | T |
| STURGEON, SHORTNOSE | FISH | E |
| WOODPECKER, RED-COCKADED | BIRD | E |
| TURTLE, GREEN SEA | REPTILE | E, T |
| TURTLE, KEMP'S (ATLANTIC) RIDLEY SEA | REPTILE | E |
| TURTLE, LOGGERHEAD SEA | REPTILE | T |
| WOLF, RED | MAMMAL | E, XP |
| WOODPECKER, RED-COCKADED | BIRD | E |
| BAT, INDIANA | MAMMAL | E, CH |
| SPINY MUSSEL, TAR RIVER | CLAM | E |
| SHREW, DISMAL SWAMP SOUTHEASTERN | MAMMAL | T |
| MUSSEL, DWARF WEDGE | CLAM | E |
| SHINER, CAPE FEAR | FISH | E, CH |
| PLOVER, PIPING | BIRD | E, T |
| MUSSEL, DWARF WEDGE | CLAM | E |
| SQUIRREL, CAROLINA NORTHERN FLYING | MAMMAL | E |
| HEELSPLITTER, CAROLINA | CLAM | E |
| WARBLER, BACHMAN'S | BIRD | E |

OKLAHOMA

| SPECIES | GROUP | STATUS |
|-----------------------------------|-------|--------|
| CRANE, WHOOPING | BIRD | E, CH |
| EAGLE, BALD | BIRD | T |
| PLOVER, PIPING | BIRD | E, T |
| TERN, INTERIOR (POPULATION) LEAST | BIRD | E |
| VIREO, BLACK-CAPPED | BIRD | E |
| FALCON, PEREGRINE | BIRD | E, SA |

SOUTH CAROLINA

| SPECIES | GROUP | STATUS |
|--------------------------|---------|--------|
| COUGAR, EASTERN | MAMMAL | E |
| STORK, WOOD | BIRD | E |
| WOODPECKER, RED-COCKADED | BIRD | E |
| STURGEON, SHORTNOSE | FISH | E |
| FALCON, ARCTIC PEREGRINE | BIRD | T |
| SNAKE, EASTERN INDIGO | REPTILE | T |
| PLOVER, PIPING | BIRD | E, T |
| TURTLE, LOGGERHEAD SEA | REPTILE | T |

TENNESSEE

| SPECIES | GROUP | STATUS |
|--|--------|--------|
| BAT, INDIANA | MAMMAL | E, CH |
| EAGLE, BALD | BIRD | T |
| STURGEON, PALLID | FISH | E |
| TERN, INTERIOR. (POPULATION) LEAST | BIRD | E |
| BAT, GRAY | MAMMAL | E |
| COUGAR, EASTERN | MAMMAL | E |
| PEARLYMUSSEL, ALABAMA LAMP | CLAM | E |
| PEARLYMUSSEL, CUMBERLAND MONKEYFACE | CLAM | E |
| PEARLYMUSSEL, PALE LILLIPUT | CLAM | E |
| PIGTOE, SHINY | CLAM | E |
| SNAIL, PAINTED SNAKE COILED FOREST | SNAIL | T |
| FANSHELL | CLAM | E |
| MUSSEL, RING PINK (=GOLF STICK PEARLY) | CLAM | E |
| PEARLYMUSSEL, CRACKING | CLAM | E |
| PEARLYMUSSEL, ORANGE-FOOTED | CLAM | E |
| PEARLYMUSSEL, PINK MUCKET | CLAM | E |
| PEARLYMUSSEL, WHITE WARTYBACK | CLAM | E |
| PIGTOE, ROUGH | CLAM | E |
| DARTER, SLACKWATER | FISH | T, CH |
| DARTER, BOULDER | FISH | E |
| DARTER, SNAIL | FISH | T |
| PEARLYMUSSEL, BIRDWING | CLAM | E |
| PEARLYMUSSEL, CUMBERLAND MONKEYFACE | CLAM | E |
| PIGTOE, FINE-RAYED | CLAM | E |
| RIFFLESHELL, TAN | CLAM | E |

TEXAS

| SPECIES | GROUP | STATUS |
|--------------------------------------|-----------|--------|
| CRANE, WHOOPING | BIRD | E, CH |
| EAGLE, BALD | BIRD | T |
| PRAIRIE-CHICKEN, ATTWATER'S GREATER | BIRD | E |
| TOAD, HOUSTON | AMPHIBIAN | E, CH |
| FALCON, PEREGRINE | BIRD | E, SA |
| VIREO, BLACK-CAPPED | BIRD | E |
| WARBLER, GOLDEN-CHEEKED | BIRD | E |
| PELICAN, BROWN | BIRD | E |
| PLOVER, PIPING | BIRD | E, T |
| TURTLE, GREEN SEA | REPTILE | E, T |
| TURTLE, KEMP'S (ATLANTIC) RIDLEY SEA | REPTILE | E |
| TURTLE, LEATHERBACK SEA | REPTILE | E, CH |
| TURTLE, LOGGERHEAD SEA | REPTILE | T |
| BEAR, LOUISIANA BLACK | MAMMAL | T, CH |
| DARTER, FOUNTAIN | FISH | E, CH |
| FALCON, NORTHERN APLOMADO | BIRD | E |
| JAGUARUNDI | MAMMAL | E |
| MINNOW, RIO GRANDE SILVERY | FISH | E |
| OCELOT | MAMMAL | E |
| PELICAN, BROWN | BIRD | E |

(TEXAS CONTINUED)

PYGMY-OWL, CACTUS FERRUGINOUS
SNAKE, CONCHO WATER
VIREO, BLACK-CAPPED
TERN, INTERIOR (POPULATION) LEAST
TURTLE, CAGLE'S MAP
FALCON, NORTHERN APLOMADO
TOAD, HOUSTON
WARBLER, GOLDEN-CHEEKED
DARTER, FOUNTAIN
GAMBUSIA, SAN MARCOS
SALAMANDER, SAN MARCOS
SALAMANDER, TEXAS BLIND
PYGMY-OWL, CACTUS FERRUGINOUS
WOODPECKER, RED-COCKADED
CURLEW, ESKIMO
BEAR, LOUISIANA BLACK
GAMBUSIA, PECOS
PUPFISH, LEON SPRINGS
PUPFISH, COMANCHE SPRINGS
PRAIRIE-CHICKEN, ATTWATER'S GREATER
BEETLE, COFFIN CAVE MOLD
BEETLE, KRETSCHMARR CAVE MOLD
BEETLE, TOOTH CAVE GROUND
HARVESTMAN, BEE CREEK CAVE
HARVESTMAN, BONE CAVE
PSEUDOSCORPION, TOOTH CAVE
SALAMANDER, BARTON SPRINGS
SPIDER, TOOTH CAVE

Virginia

BEETLE, NORTHEASTERN BEACH TIGER
EAGLE, BALD
FALCON, PEREGRINE
PLOVER, PIPING
SQUIRREL, DELMARVA PENINSULA FOX
TURTLE, KEMP'S (ATLANTIC) RIDLEY SEA
TURTLE, LEATHERBACK SEA
TURTLE, LOGGERHEAD SEA
LOGPERCH, ROANOKE
WOODPECKER, RED-COCKADED
SHREW, DISMAL SWAMP SOUTHEASTERN

BIRD E
REPTILE T, CH
BIRD E
BIRD E
AMPHIBIAN T
BIRD E
AMPHIBIAN E, CH
BIRD E
FISH E, CH
FISH E, CH
AMPHIBIAN T, CH
AMPHIBIAN E
BIRD E
BIRD E
BIRD E
MAMMAL T, CH
FISH E
FISH E, CH
FISH E
BIRD E
INSECT E
INSECT E
INSECT E
ARACHNID E
ARACHNID E
ARACHNID E
AMPHIBIAN E
ARACHNID E

INSECT T
BIRD T
BIRD E, SA
BIRD E, T
MAMMAL E, XN
REPTILE E
REPTILE E, CH
REPTILE T
FISH E
BIRD E
MAMMAL T

Appendix B

Data Requirements for Chlorfenapyr on Cotton

Chemical No: 129093

DATA REQUIREMENTS FOR
CHLORFENAPYR ON COTTON

| Data Requirement | Use Pattern ¹ | Does EPA Have Data To Satisfy This Requirement? (Yes, No, Partial, or Under Review) | Bibliographic Citation | Must Additional Data Be Submitted for This Use Under FIFRA 3(c)(2)(B)? (Yes, No, or Reserved) ² |
|--|-----------------------------|---|--|---|
| §158.490 WILDLIFE AND AQUATIC ORGANISMS 3 | | | | |
| 71-1(a) Acute Avian Oral, Quail/Duck | | Y | 427702-28 427702-27 | N |
| 71-2(a) Acute Avian Diet, Quail | | Y | 427702-30 | N |
| 71-2(b) Acute Avian Diet, Duck | | Y | 427702-29 | N |
| 71-3 Wild Mammal Toxicity | | N | | N |
| 71-4(a) Avian Reproduction Quail | | P | 434928-11 | N |
| 71-4(b) Avian Reproduction Duck | | Y | 434928-13 | N |
| 71-5(a) Simulated Terrestrial Field Study | | N | 438870-07 434928-14 (pen study) | N |
| 71-5(b) Actual Terrestrial Field Study | | UR | 444526-16 (mortality only, no data for EFED request for reproduction) | N |
| 72-1(a) Acute Fish Toxicity Bluegill | | Y | 428078-01 | N |
| 72-1(b) Acute Fish Toxicity (TEP) | | N | | N |
| 72-1(c) Acute Fish Toxicity Rainbow Trout | | Y | 427702-31 | N |
| 72-1(d) Acute Fish Toxicity Rainbow Trout (TEP) | | N | | N |
| 72-2(a) Acute Aquatic Invertebrate | | Y | 427702-31 | N |
| 72-2(b) Acute Aquatic Invertebrate (TEP) | | N | | N |
| 72-3(a) Acute Est/Mar Toxicity Fish | | Y | 434928-16 | N |
| 72-3(b) Acute Est/Mar Toxicity Mollusk | | N | 434928-17 (invalid) | Y |
| 72-3(c) Acute Est/Mar Toxicity Shrimp | | Y | 434928-18 | N |
| 72-3(d) Acute Est/Mar Toxicity Fish (TEP) | | N | | N |
| 72-3(e) Acute Est/Mar Toxicity Mollusk (TEP) | | N | | N |
| 72-3(f) Acute Est/Mar Toxicity Shrimp (TEP) | | N | | N |
| 72-4(a) Early Life Stage Fish | | Y | 434928-19 | N |

| Data Requirement | Use Pattern ¹ | Does EPA Have Data To Satisfy This Requirement? (Yes, No, Partial, or Under Review) | Bibliographic Citation | Must Additional Data Be Submitted for This Use Under FIFRA 3(c)(2)(B)? (Yes, No, or Reserved) ² |
|--|-----------------------------|---|---------------------------|---|
| 72-4(b) Life Cycle Aquatic Invertebrate | | Y | 434928-22 | N |
| 72-5 Life Cycle Fish | | N | 443648-03 (INVALID) | Y |
| 72-6 Aquatic Organism Accumulation | | N | | R |
| 72-7(a) Simulated Aquatic Field Study | | Y | 434928-23 (Microcosm) | R |
| 72-7(b) Actual Aquatic Field Study | | N | | R |
| §158.540 PLANT PROTECTION | | | | |
| 122-1(a) Seed Germ.,Seedling Emergence | | N | | N |
| 122-2 Aquatic Plant Growth | | N | | N |
| 122-1(a) Seed Germ./Seedling Emerg. | | N | | N |
| 122-1(b) Vegetative Vigor | | N | | N |
| 123-1(a) Seed Germ./Seedling Emerg. | | N | | N |
| 123-1(b) Vegetative Vigor | | N | | N |
| 123-2 Aquatic Plant Growth | | N | | N |
| 124-1 Terrestrial Field Study | | N | | N |
| 124-2 Aquatic Field Study | | N | | N |
| §158.490 NONTARGET INSECT TESTING | | | | |
| 141-1 Honey Bee Acute Contact | | Y | 427702-33 | N |
| 141-2 Honey Bee Residue on Foliage | | Y | 434928-45 | N |
| 141-5 Field Test for Pollinators | | N | | N |
| PROVISIONAL SEDIMENT TOXICITY TESTING | | | | |
| 850.1735 Acute Freshwater Invertebrate | | Y | 444526-19 | N |
| 850.1735 Acute Freshwater Invertebrate | | UR | 445600-02 | N |
| Chronic Invertebrate | | N | | R |

| Data Requirement | Use Pattern ¹ | Does EPA Have Data To Satisfy This Requirement? (Yes, No, Partial, or Under Review) | Bibliographic Citation | Must Additional Data Be Submitted for This Use Under FIFRA 3(c)(2)(B)? (Yes, No, or Reserved) ² |
|--|--------------------------|---|---------------------------------------|--|
| §158.290 ENVIRONMENTAL FATE | | | | |
| <u>Degradation Studies-Lab:</u> | | | | |
| 161-1 Hydrolysis | | Y | 427702--40 | N |
| 161-2 Photodegradation In Water | | Y | 434928-46, 427702-41 | N |
| 161-3 Photodegradation On Soil | | Y | 427702-42 | N |
| <u>Metabolism Studies-Lab:</u> | | | | |
| 162-1 Aerobic Soil | | Y | 427702-43, 438870-02, 444526-21 | N |
| 162-2 Anaerobic Soil | | Y | 434928-47 | N |
| 162-4 Aerobic Aquatic | | P | 439042-02 | N |
| <u>Mobility Studies:</u> | | | | |
| 163-1 Leaching- Adsorption/Desorp. | | Y | 427702-44, 434928-49, 434928-48 | N |
| 163-2 Volatility (Lab) | | N | | N |
| <u>Dissipation Studies-Field:</u> | | | | |
| 164-1 Soil | | P | 434928-50, 444526-22, 444526-23 | N |
| 164-5 Soil Long-Term | | P | 444526-24 | N |
| <u>Accumulation Studies:</u> | | | | |
| 165-4 In Fish | | Y | 427702-45, 434928-52 | N |
| <u>Ground Water Monitoring Studies:</u> | | | | |
| 166-1 Small-Scale Prospective | | N | | N |
| §158.440 SPRAY DRIFT | | | | |
| 201-1 Droplet Size Spectrum | | N | | Y* |
| 202-1 Drift Field Evaluation | | N | | Y* |

FOOTNOTES:

1. 1=Terrestrial Food; 2=Terrestrial Feed; 3=Terrestrial Non-Food; 4=Aquatic Food; 5=Aquatic Non-Food(Outdoor); 6=Aquatic Non-Food (Industrial); 7=Aquatic Non-Food (Residential); 8=Greenhouse Food; 9=Greenhouse Non-Food; 10= Forestry; 11=Residential Outdoor; 12=Indoor Food; 13=Indoor Non-Food; 14=Indoor Medicinal;15=Indoor Residential.

2. Reserved studies: aquatic simulated and actual field tests reserved pending consideration of all requested sediment toxicity tests.

* These data may be supplied through the pending Spray Drift Task Force Database and associated modeling scenarios.